

REMARKS

The Office Action mailed on October 24, 2001, has been reviewed and the comments of the Patent and Trademark Office have been considered. Claims 1-15 were pending in the application. Claims 12, 14, and 15 have been cancelled. Claim 13 has been amended and no claims have been added. Therefore, claims 1-11 and 13 are pending in the application and are submitted for reconsideration by the Examiner.

The Drawings are objected to under 37 C.F.R. § 1.83(a) for failure to show every feature of the invention specified in claims 5, 6, 12, and 14. Applicant respectfully requests withdrawal of the objections for the following reasons. Claims 12 and 14 have been cancelled. Claim 13 has been amended to incorporate the limitations of claim 12. The three sensors disclosed in amended claim 13 are shown in Fig. 5A, corresponding to positions (1), (2), and (3), as disclosed on page 8, lines 2-6 of the present application. Further, the Office Action states, "Therefore, the coils disposed in the inner and outer side of the stator as disclosed in claims 5 and 6... must be shown specifically...". Applicant respectfully disagrees. In both claims 5 and 6, the stator is provided with a plurality of coils. In claim 5, the rotor is disposed on an inner side of the stator (disclosed in Fig. 1 and page 6, lines 3-4 of the present application), while in claim 6, the rotor is disposed on an outer side of the stator (disclosed in Fig. 8 and page 10, lines 2-3).

Claims 14 and 15 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 14 and 15 have been cancelled. ✓

Claims 1-8, 12, 14, and 15 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 5,864,192 to Nagate et al. (hereinafter "Nagate"). Claim 9 is rejected under 35 U.S.C. § 103(e) as being unpatentable over Nagate in view of U.S. Patent No. 6,181,036 B1 to Kazama et al. (hereinafter "Kazama"). Claims 10 and 11 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Nagate in view of U.S. Patent No. 5,821,710 to Masuzawa et al. (hereinafter "Masuzawa"). Claim 13 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Nagate in